

REMARKS

Claims 1-14 and 40-52 are currently pending and under consideration. Claims 15-39 have been cancelled. Claims 40-52 have been newly added. A clean version of replacement paragraphs and all pending claims are found at pages 2-7. The specification has been amended herein. A marked up version of amended paragraphs are found at pages 9-11.

In the event any fees are due in connection with this document, the Commissioner is authorized to charge those fees to Deposit Account No. 50-1063.

The Examiner is invited to contact applicants' undersigned representative over the telephone to expedite favorable prosecution of the subject application.

Respectfully submitted,
AMIN & TUROCY, LLP



Himanshu S. Amin
Reg. No. 40,894

AMIN & TUROCY, LLP
24th Floor, National City Center
1900 East 9th Street
Cleveland, Ohio 44114
Telephone: (216) 696-8730
Facsimile: (216) 696-8731

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Please amend the specification as follows:

Please insert the following statement at line 3, page 1 of the specification:

-- Cross Reference to Related Application

The present application is a continuation application of U.S. Patent Application Ser. No. 09/178,907, filed October 26, 1998, and entitled INSTALLABLE SCHEMA FOR LOW-OVERHEAD DATABASES.--

Page 6, line 17, delete "[JLZ1]".

Page 7, line 20, delete first two occurrences of "It".

Page 9, line 8, replace "fist" with -- first --.

In the Claims:

Please cancel claims 15-39.

Please add new claims 40-52 as indicated below.

--40. (New) A method according to claim 1, the script being a single stand-alone script file.

41. (New) A method for processing relational databases having data files organized according to a defined schema, comprising:

defining application program code for performing at least one function upon the databases;

and

including with the application code a schema file separate from the data files and representing the schema of the data files, such that the function operates upon the data files in accordance with the schema wherein the application code accesses a further program for executing the function, and

wherein the application code passes a pointer to the schema file to the further code for locating particular data in the data files.

42. (New) A medium containing instructions and data for executing the method of claim 41 on a programmable digital computer.

43. (New) A method according to claim 41, wherein the further program is a database engine.

44. (New) A method according to claim 41, wherein the schema file includes structural constructs representing definitions of the tables and columns in the schema.

45. (New) A method according to claim 44, wherein the schema file further includes at least one index.

46. (New) A method according to claim 45, wherein the constructs are separately integrated into the application code.

47. (New) A system for processing a relational database, comprising:
a data file for containing data for the database according to a schema;
a schema defined as a single stand-alone script file that provides a schema definition for the database; and
a compiler responsive to the single stand-alone script file for producing a representation of the schema independent from the data file.

48. (New) A system according to claim 47, wherein the representation is a binary representation.

49. (New) A system according to claim 48, wherein the schema definition includes specifications of tables and columns.

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50. (New) A system according to claim 49, wherein the representation includes constructs embodying the specifications of the tables and columns.

51. (New) A system for processing a relational database, comprising:
a data file containing relational data organized according to a schema;
an application program separate from the data file and including a representation of the schema of the data file, code responsive to the representation for performing an operation on the data file in accordance with the schema; and

a further program that operates upon the data file in accordance with the schema, the application program passing a pointer to the schema file to the further program for accessing data in the data file.

52. (New) A system according to claim 51, the further program comprising a database engine that executes the operation upon the data file in response to receiving the pointer to the schema from the application program.--

FOOTNOTES

Atty. Docket No. MS111833.2

INSTALLABLE SCHEMA FOR LOW-OVERHEAD
DATABASES

by

Jason L. Zander

I hereby certify that the attached patent application (along with any other paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on this date December 7, 2001, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL798606343US addressed to the: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Himanshu S. Amin

(Typed or Printed Name of Person Mailing Paper)



(Signature of Person Mailing Paper)